

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--------------------|------------------|---------|---------------------|
| L1    | 1    | ((print\$4 adj job and modif\$9 and raster\$9 and fewer and variable and object and destinat\$6 and ink and reduc\$5 and function and includ\$5 and character and stencil and black and white and original\$5)).clm. | US-PGPUB;<br>USPAT | OR               | ON      | 2010/05/24<br>12:45 |
| S1    | 5945 | ((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7))   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/11/08<br>14:24 |
| S2    | 8    | ((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7)) same ((ink)) same ((black or white))                          | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/11/08<br>14:27 |
| S3    | 13   | ((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7)) same ((ink)) same ((black or white))                          | US-PGPUB;<br>USPAT | OR               | ON      | 2007/11/08<br>14:28 |
| S4    | 6    | ((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7)) same ((ink)) same ((black or white)) same ((printer))         | US-PGPUB;<br>USPAT | OR               | ON      | 2007/11/08<br>14:33 |
| S5    | 1    | ("6384936").PN.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/11/08<br>14:35 |

|     |   |  |                    |    |     |                     |
|-----|---|--|--------------------|----|-----|---------------------|
| S6  | 1 | S5 and (ink or white or black or modification or modifying or variable or attribute or charact\$7) | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/08<br>14:37 |
| S7  | 1 | ("6313847").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:41 |
| S8  | 1 | S7 and (ink or color)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/08<br>14:41 |
| S9  | 1 | S7 and (ink or balck or white)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/08<br>14:42 |
| S10 | 1 | ("6257693").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:47 |
| S11 | 1 | ("6020897").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:48 |
| S12 | 1 | ("6049339").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:50 |
| S13 | 1 | ("6466210").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:51 |
| S14 | 1 | ("6665094").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:53 |
| S15 | 1 | ("6741368").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:56 |
| S16 | 1 | ("20040051904").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:57 |
| S17 | 1 | ("20040036921").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>15:28 |
| S18 | 1 | ("20020003633").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/08<br>14:57 |
| S19 | 1 | ("20020131065").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:42 |
| S20 | 1 | ("20020003633").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:00 |
| S21 | 1 | S20 and (variable\$4 or black or white or PDI or PCL or ink)                                       | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:12 |
| S22 | 1 | S20 and (fewer or less or minimum or limit\$4 or les \$6)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:03 |
| S23 | 1 | S20 and (fewer or less or minimum or limit\$4 or les \$6 or variable)                              | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:04 |
| S24 | 0 | S20 and (job or print\$4 adj job or file or document)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:05 |

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|-----|---|---|--------------------|----|-----|---------------------|
| S25 | 1 | S20 and (job or print\$4<br>adj job or file or<br>document or data or<br>image)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:05 |
| S26 | 1 | S20 and (modifying or<br>modification or modif\$8<br>or edit\$4 or alter\$6 or<br>optim\$8 or correct\$5)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:12 |
| S27 | 1 | S20 and (modifying or<br>modification or modif\$8<br>or edit\$4 or alter\$6 or<br>optim\$8 or correct\$5 or<br>alteration or variance or<br>chang\$4 or deviation or<br>diver\$5) | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:10 |
| S28 | 1 | S20 and (raster or raster<br>\$5)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:11 |
| S29 | 1 | ("6313847").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:11 |
| S30 | 1 | S29 and (variable\$4 or<br>black or white or PDI or<br>PCL or ink)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:12 |
| S31 | 0 | S29 and (modifying or<br>modification or modif\$8<br>or edit\$4 or alter\$6 or<br>optim\$8 or correct\$5)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>07:12 |
| S32 | 1 | ("20040085559").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:44 |
| S33 | 1 | ("20040095613").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:44 |
| S34 | 1 | ("20040100658").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:47 |
| S35 | 1 | ("20040105106").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:56 |
| S36 | 1 | ("6049339").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>07:59 |
| S37 | 1 | S36 and (reclaim\$4)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>08:49 |
| S38 | 1 | ("6257693").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/11/09<br>08:49 |
| S39 | 1 | S38 and (modify or<br>modifying or modification)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>08:51 |
| S40 | 1 | S38 and (modify or<br>modifying or modification<br>or characteristics or filter<br>or remov\$5 or raster\$7 or<br>PDL or PCL)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>08:53 |

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|-----|--------|---|-----------------|----|-----|------------------|
| S41 | 1      | S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92")                                 | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:58 |
| S42 | 0      | S38 and (blak and white)  | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:03 |
| S43 | 206576 | S38 and (blak and white) or (ink)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:04 |
| S44 | 1      | S38 and (ink)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:06 |
| S45 | 1      | S38 and (ink or black)  | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:06 |
| S46 | 1      | S38 and (ink or black or white)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:13 |
| S47 | 1      | S38 and (character or image or stencil)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:19 |
| S48 | 1      | S38 and (area or region or part or corner)  | US-PGPUB; USPAT | OR | ON  | 2007/11/09 09:21 |
| S49 | 1      | S38 and (area or region or part or corner or print \$4)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 10:50 |
| S50 | 1      | ("5547178").PN.   | US-PGPUB; USPAT | OR | OFF | 2007/11/09 09:28 |
| S51 | 1      | S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92" same black or white)             | US-PGPUB; USPAT | OR | ON  | 2007/11/09 10:50 |
| S52 | 1      | S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92" same black or white or ink)      | US-PGPUB; USPAT | OR | ON  | 2007/11/09 10:00 |
| S53 | 1      | S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92" same black or white or print\$4) | US-PGPUB; USPAT | OR | ON  | 2007/11/09 11:38 |
| S54 | 1      | S38 and (printed)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 11:17 |
| S55 | 0      | S38 and (flag\$4)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 11:21 |
| S56 | 1      | S32 and (flag\$4)   | US-PGPUB; USPAT | OR | ON  | 2007/11/09 11:23 |

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|-----|-----|---|--------------------|----|-----|---------------------|
| S57 | 1   | S20 and (flag\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>11:32 |
| S58 | 1   | S38 and display\$4  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>11:34 |
| S59 | 1   | S38 and (display\$4 same<br>print\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>11:34 |
| S60 | 0   | S38 and (modify or<br>modifying or modification)<br>same (respons\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>11:39 |
| S61 | 1   | S38 and (modify or<br>modifying or modification)  | US-PGPUB;<br>USPAT | OR | ON  | 2007/11/09<br>11:39 |
| S62 | 1   | ("6257693").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/08<br>13:15 |
| S63 | 1   | ("6257693").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/21<br>08:59 |
| S64 | 1   | S63 and (raster\$7 or PDL<br>or variable)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>09:28 |
| S65 | 1   | S63 and (remov\$5 or few<br>\$4 or extract\$5)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>09:32 |
| S66 | 1   | ("6257693").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/21<br>12:51 |
| S67 | 1   | S66 and (process\$4 or<br>modification or modify\$7<br>or funct\$5 or operat\$5)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>12:53 |
| S68 | 1   | S66 and (process\$4 or<br>modification or modify\$7<br>or funct\$5 or operat\$5 or<br>minimu\$5)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>12:55 |
| S69 | 1   | S66 and (process\$4 or<br>modification or modify\$7<br>or funct\$5 or operat\$5 or<br>minimu\$5 or optim\$8 or<br>resolut\$5)               | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>13:02 |
| S70 | 114 | ((minimizing or minimiz\$3<br>or reduc\$4) same (raster<br>\$4 or PDL)) same ((operat<br>\$4)) same ((variable))                            | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>13:08 |
| S71 | 12  | ((minimizing or minimiz\$3<br>or reduc\$4) near6 (operat<br>\$4)) same ((variable))<br>same ((raster\$4 or PDL))                            | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>13:09 |
| S72 | 200 | ((minimizing or minimiz\$3<br>or reduc\$4) near6 (operat<br>\$4)) same ((raster\$4 or<br>PDL)) same ((job or file<br>or image or document)) | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/21<br>13:14 |

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|-----|-------|--|-----------------|----|-----|------------------|
| S73 | 19    | ((minimiz\$3 or reduc\$4) near6 (operat\$4)) same ((raster\$4 or PDL)) same ((job ))             | US-PGPUB; USPAT | OR | ON  | 2009/01/21 13:14 |
| S74 | 5     | S73 and (black and white and ink)  | US-PGPUB; USPAT | OR | ON  | 2009/01/21 13:22 |
| S75 | 98323 | ((optimiz\$5 same raster \$7 operat\$5)).ti.   | US-PGPUB; USPAT | OR | ON  | 2009/01/21 13:47 |
| S76 | 2     | ((optimiz\$5 same raster \$7 same operat\$5)).ti.  | US-PGPUB; USPAT | OR | ON  | 2009/01/21 13:48 |
| S77 | 20    | ((optimiz\$5 same raster \$7 same operat\$5)).ab.  | US-PGPUB; USPAT | OR | ON  | 2009/01/21 13:52 |
| S78 | 1     | ((optimiz\$5 same raster \$7 same operat\$5 same job)).ab.                                       | US-PGPUB; USPAT | OR | ON  | 2009/01/21 13:52 |
| S79 | 8     | ((optimiz\$5 same raster \$7 same operat\$5 same image)).ab.                                     | US-PGPUB; USPAT | OR | ON  | 2009/01/21 13:52 |
| S80 | 1     | ("6257693").PN.  | US-PGPUB; USPAT | OR | OFF | 2009/01/21 14:14 |
| S81 | 1     | S80 and (ink and black and white and optim\$6)   | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:15 |
| S82 | 1     | S80 and (ink and black and white and optim\$6 or depen\$6)                                       | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:20 |
| S83 | 1     | S80 and (ink and black and white and optim\$6 or depen\$6 or minim\$5 or reduc\$5)               | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:29 |
| S84 | 1     | S80 and (ink and black and white and optim\$6 or depen\$6 or minim\$5 or reduc\$5 or halfton\$4) | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:36 |
| S85 | 1     | S80 and variable   | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:43 |
| S86 | 1     | S84 and S85  | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:45 |
| S87 | 1     | S86 and ("80" and "84" and "96")   | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:49 |
| S88 | 1     | S80 and (speed or fast)  | US-PGPUB; USPAT | OR | ON  | 2009/01/21 14:52 |
| S89 | 1     | S87 and S88  | US-PGPUB; USPAT | OR | ON  | 2009/01/21 15:20 |
| S90 | 1     | ("6257693").PN.  | US-PGPUB; USPAT | OR | OFF | 2009/01/22 08:55 |
| S91 | 1     | S90 and (halfton\$4 and black and white)   | US-PGPUB; USPAT | OR | ON  | 2009/01/22 08:55 |

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|------|---|---|--------------------|----|-----|---------------------|
| S92  | 1 | S90 and (white)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:03 |
| S93  | 1 | S90 and (half-ton\$4 and black and white and ink)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:25 |
| S94  | 1 | S90 and (black and white)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:28 |
| S95  | 0 | S90 and (stencil)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:32 |
| S96  | 1 | S90 and (format\$4 or image or character)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:33 |
| S97  | 1 | S90 and (page or sheet or paper or media or medium)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:42 |
| S98  | 1 | S90 and (page or sheet or paper or media or medium) same (area or region or part)                                 | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:43 |
| S99  | 0 | S90 and (page or sheet or paper or media or medium) same (area or region or part) same (unalter\$4 or unchang\$4) | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:44 |
| S100 | 1 | S90 and (page or sheet or paper or media or medium) same (area or region or part)                                 | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:45 |
| S101 | 1 | S90 and (format\$4 or image or character) same (sheet or page or paper or media or medium)                        | US-PGPUB;<br>USPAT | OR | ON  | 2009/01/22<br>09:53 |
| S102 | 1 | ("6257963").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>07:19 |
| S103 | 1 | S102 and (ink or destination or object)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>07:20 |
| S104 | 1 | ("6257693").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/04/16<br>07:24 |
| S105 | 1 | S104 and (extract\$4 or optimiz\$7 or characteris\$6 or parameter)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>07:33 |
| S106 | 1 | S104 and less\$3  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>07:36 |
| S107 | 1 | S104 and (ink or object or hardcopy or paper or sheet)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>07:38 |
| S108 | 1 | S104 and (ink or object or hardcopy or paper or sheet or characteristics)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/04/16<br>07:40 |

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|------|------|--|-----------------|----|-----|------------------|
| S109 | 1    | S104 and (blak or color) adj (text)  | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:43 |
| S110 | 1    | S104 and (material and printed and parameter)  | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:46 |
| S111 | 1    | S104 and (material and printed and parameter and medium and paper)   | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:47 |
| S112 | 0    | ((variable)) same ((less or fewer)) same ((destination)) same ((color and ink)).ti.                          | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:57 |
| S113 | 0    | ((variable)) same ((less or fewer)) same ((destination)) same ((color and ink)).ab.                          | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:57 |
| S114 | 0    | ((variable)) same ((less or fewer)) same ((destination)) same ((color)).ab.                                  | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:58 |
| S115 | 6    | ((variable)) same ((less or fewer)) same ((color and ink)).ab.   | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:58 |
| S116 | 0    | ((variable)) same ((less or fewer)) same ((color and ink)).ti.   | US-PGPUB; USPAT | OR | ON  | 2009/04/16 07:58 |
| S117 | 1    | ("6257693").PN.  | US-PGPUB; USPAT | OR | OFF | 2009/05/03 06:59 |
| S118 | 1    | ("6257693").PN.  | US-PGPUB; USPAT | OR | OFF | 2009/10/13 09:15 |
| S119 | 1    | S118 and (ink or variable)   | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:17 |
| S120 | 1    | S118 and (white and black)   | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:18 |
| S121 | 1542 | S118 and (white and black) or (CMYK and pen)   | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:19 |
| S122 | 1542 | S120 and (white and black) or (CMYK and pen)   | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:19 |
| S123 | 1    | S118 and ((white and black) or (pen or CMYK))  | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:20 |
| S124 | 1    | S118 and (pixel) and (sheet or page or paper or media or medium) and (image or jpeg or stencil or character) | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:39 |



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|------|----|--|-----------------|----|-----|------------------|
| S125 | 1  | S118 and (pixel) and (sheet or page or paper or media or medium) and (image or jpeg or stencil or character or half-ton\$4 or pixels or thickening)              | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:43 |
| S126 | 1  | S118 and (pixel) and (sheet or page or paper or media or medium) and (image or jpeg or stencil or character or half-ton\$4 or pixels or thickening or rectangle) | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:44 |
| S127 | 1  | S118 and (pixel) and (sheet or paper or media or medium) and (image or jpeg or stencil or character or half-ton\$4 or pixels or thickening or rectangle)         | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:44 |
| S128 | 1  | S127 and (white or black or ink)   | US-PGPUB; USPAT | OR | ON  | 2009/10/13 09:45 |
| S129 | 1  | S118 and (job or file or document)   | US-PGPUB; USPAT | OR | ON  | 2009/10/13 10:13 |
| S130 | 1  | ("6257693").PN.  | US-PGPUB; USPAT | OR | OFF | 2009/11/05 08:37 |
| S131 | 1  | ("20050213143").PN.  | US-PGPUB; USPAT | OR | OFF | 2010/05/21 09:36 |
| S132 | 1  | S131 and (variable)  | US-PGPUB; USPAT | OR | OFF | 2010/05/21 09:38 |
| S133 | 1  | S131 and (variable)  | US-PGPUB; USPAT | OR | ON  | 2010/05/21 09:38 |
| S134 | 0  | S131 and (embodiment)  | US-PGPUB; USPAT | OR | ON  | 2010/05/21 09:49 |
| S135 | 1  | S131 and (embod\$7)  | US-PGPUB; USPAT | OR | ON  | 2010/05/21 09:49 |
| S136 | 1  | S131 and (variable same depend\$8 same reduc\$5)   | US-PGPUB; USPAT | OR | ON  | 2010/05/21 09:52 |
| S137 | 1  | S131 and (variable same destination)   | US-PGPUB; USPAT | OR | ON  | 2010/05/21 10:00 |
| S138 | 1  | S131 and (variable same destination or object)   | US-PGPUB; USPAT | OR | ON  | 2010/05/21 10:01 |
| S139 | 1  | S131 and (variable same destination or object or single or zero)   | US-PGPUB; USPAT | OR | ON  | 2010/05/21 10:02 |
| S140 | 20 | ((raster\$9 same variable)).ti.  | US-PGPUB; USPAT | OR | ON  | 2010/05/21 10:03 |

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|------|----|--|--------------------|----|-----|---------------------|
| S141 | 2  | ((raster\$9 same variable same print\$4)).ti.            | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:06 |
| S142 | 47 | ((raster\$9 same variable same print\$4)).ab.            | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:07 |
| S143 | 47 | S142 and ((raster\$9 same variable same print\$4))       | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:07 |
| S144 | 3  | S143 and (reduc\$7 or few \$3 or less\$4) adj (variable) | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:08 |
| S145 | 1  | ("20050213117").PN.                                      | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:10 |
| S146 | 1  | ("20050213114").PN.                                      | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:11 |
| S147 | 1  | ("20050213119").PN.                                      | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:12 |
| S148 | 1  | ("20050213142").PN.                                      | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:12 |
| S149 | 1  | ("20050213145").PN.                                      | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:18 |
| S150 | 1  | ("20080024810").PN.                                      | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:18 |
| S151 | 1  | ("5638498").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:19 |
| S152 | 1  | S151 and print\$4  | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:20 |
| S153 | 1  | S151 and (print\$4 or variable)                          | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:21 |
| S154 | 0  | S151 and (variable)                                      | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:21 |
| S155 | 1  | ("6466229").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:21 |
| S156 | 1  | S155 and (print\$4 or variable)                          | US-PGPUB;<br>USPAT | OR | ON  | 2010/05/21<br>10:21 |
| S157 | 1  | ("6257693").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2010/05/21<br>10:23 |

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